

06-85-01

06/22/01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Re: Inventor(s): Glen E. Howard and William J. DeVore  
 Title: ELECTRON BEAM PATTERNING WITH A HEATED ELECTRON SOURCE

Transmitted herewith is the patent application identified above, including:

jc955 U.S. PTO  
 09/688256  
 06/22/01

- Specification, claims and abstract, totaling 20 pages.
- Drawings totaling 3 pages, X Formal    Informal.
- Executed Declaration and Power of Attorney.
- Information Disclosure Statement, PTO-1449 form, and copies of citations
- Assignment of the invention to Applied Materials, Inc. and Assignment Recordation Cover Sheet
- Application Data Sheet
- Post Card for return

FEE CALCULATION					
Fee Items	Claims Filed	Included with Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	33	- 20 =	13	x 18.00	\$234.00
Independent Claims	5	- 3 =	2	x 80.00	\$160.00
Basic Filing Fee				710.00	\$710.00
<b>TOTAL FEES</b>					<b>\$ 1104.00</b>

- The Commissioner is hereby authorized to charge \$1104.00 to Deposit Account No. 50-1074.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to:

APPLIED MATERIALS, INC.  
 Patent Department  
 P.O. Box 450A  
 Santa Clara, CA 95052

Respectfully submitted,

  
 Robert W. Mulcahy  
 Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to:

Box Patent Application  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Express Mail Receipt No. EL66180434845 Date of Deposit 6-22-01

By Client\Applied\ETEC\Ebeam\4978\APP.CS Signature Bob Mulcahy